

# POWER OF ATTORNEY

Attorney Docket No.

M923.12-0001



First Named Inventor : Zahilya Austin

Title : INTEGRATED CIRCUIT OSCILLATOR

In the patent application:

— identified above (and submitted to the Patent and Trademark Office herewith).

X filed on September 15, 2003 as Application No. 10/662,748.

I appoint the attorneys and agents associated with Customer Number 00164 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Kinney & Lange, P.A. to mark the appropriate space above and to insert the filing date and application number of the application, as appropriate.

Please address all correspondence and telephone calls to Customer Number 00164, attention Theodore F. Neils, Telephone (612) 339-1863, Fax (612) 339-6580.

TLC Precision Wafer Technology, Inc.

Signature:

Timothy F. Childs

Dated: October 2, 2003

Title:

President

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE COMMISSIONER FOR PATENTS, ALEXANDRIA, VA 22313-1450, THIS 9<sup>th</sup> DAY OF

October

2003.

T.F. Neils  
PATENT ATTORNEY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Zahilya Austin

Appln. No. : 10/662,748

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Title : INTEGRATED CIRCUIT OSCILLATOR

Docket No. : M923.12-0001

Group Art Unit:

Examiner:

**SUBMISSION UNDER 37 C.F.R. 3.73(b)**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S.  
MAIL, FIRST CLASS, TO THE COMMISSIONER FOR PATENTS,  
ALEXANDRIA, VA 22313-1450, THIS 9<sup>th</sup> DAY OF

October 2003.  
[Signature]  
PATENT ATTORNEY

Sir:

TLC Precision Wafer Technology, Inc., a Minnesota corporation, is an owner of the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.

OR

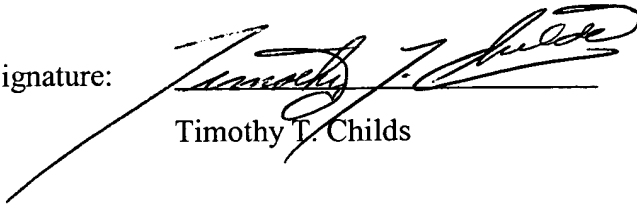
B. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: Zahilya Austin To: TLC Precision Wafer Technology, Inc.  
The document was recorded in the Patent and Trademark Office at Reel 013518, Frame 0640, or a copy of which is attached.
2. From: Timothy T. Childs To: TLC Precision Wafer Technology, Inc.  
The document was recorded in the Patent and Trademark Office at Reel 013518, Frame 0640, or a copy of which is attached.
3. From: Sasidhar Vajha To: TLC Precision Wafer Technology, Inc.

The document was recorded in the Patent and Trademark Office at  
Reel 013518, Frame 0640, or a copy of which is attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature:

A handwritten signature in dark ink, appearing to read "Timothy T. Childs", written over a horizontal line.

Timothy T. Childs

Date: October 2, 2003

Title:

President

# ASSIGNMENT

Attorney Docket No.

M923.12-0001

First Named Inventor : Zahilya Austin et al.

Title : GaAs MILLIMETER WAVE MONOLITHIC MICROWAVE INTEGRATED VOLTAGE CONTROL OSCILLATORS

WHEREAS, we, Zahilya Austin of St. Paul, Minnesota, USA, Timothy T. Childs of Minnetonka, Minnesota, U.S.A. and Sasidhar Vajha, of Minneapolis, Minnesota, USA have invented certain new and useful improvements as described in an application entitled GaAs MILLIMETER WAVE MONOLITHIC MICROWAVE INTEGRATED VOLTAGE CONTROL OSCILLATORS for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. 60/410,762, filed October 13, 2002; and

WHEREAS, TLC Precision Wafer Technology, Inc. a corporation organized and existing under the laws of the State of Minnesota, and having offices at 1411 West River Road N., Minneapolis, Minnesota 55411, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

First Named Inventor

  
Zahilya Austin

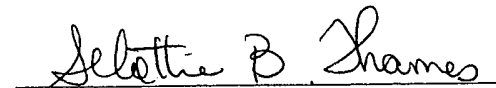
STATE OF MINNESOTA )

) ss.

COUNTY OF RAMSEY )

Subscribed and sworn to before me, a Notary Public, this 13<sup>th</sup> day of NOV, 2002.



  
Notary Public

Second Named Inventor

Timothy T. Childs  
Timothy T. Childs

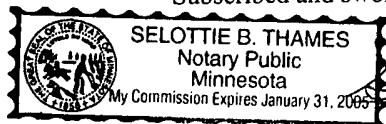
STATE OF MINNESOTA

)  
) ss.

COUNTY OF HENNEPIN

)

Subscribed and sworn to before me, a Notary Public, this 13<sup>th</sup> day of Nov., 2002.



Selottie B. Thames  
Notary Public

(SEAL)

Third Named Inventor

Sasidhar Vajha  
Sasidhar Vajha

STATE OF MINNESOTA

)  
) ss.

COUNTY OF HENNEPIN

)

Subscribed and sworn to before me, a Notary Public, this 13<sup>th</sup> day of Nov., 2002.



Selottie B. Thames  
Notary Public

(SEAL)